

### Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

#### Listing of claims:

1-15. (cancelled)

16. (new) A pharmaceutical composition comprising Pediocin A in combination with at least one of bacterial strains selected from the group consisting of:

*Pediococcus pentosaceus* FBB61, ATCC 43200;

*Pediococcus pentosaceus* FBB63;

*Pediococcus pentosaceus* L7230, ATCC 43201.

17. (new) A pharmaceutical composition according to claim 16, comprising a mixture consisting of Pediocin A and one of bacterial strains selected from the group consisting of:

*Pediococcus pentosaceus* FBB61, ATCC 43200;

*Pediococcus pentosaceus* FBB63;

*Pediococcus pentosaceus* L7230, ATCC 43201.

18. (new) A pharmaceutical composition according to claim 17, comprising a mixture consisting of Pediocin A and *Pediococcus pentosaceus* FBB61, ATCC 43200.

19. (new) A pharmaceutical composition according to claim 16, further comprising Pediocin A analogous molecules.

20. (new) A method of enhancing the sanitary conditions of the intestine in monogastric species, the improvement consisting in administering to said species an effective amount of a composition as claimed in claim 16.

21. (new) The method according to claim 20, for increasing polyamines production

of bacterial origin into the intestinal lumen.

22. (new) The method according to claim 20, in which said amines are putrescine and spermidine.

23. (new) The method according to claim 20, for increasing the epithelial surface of intestinal wall deputed to the absorbtion of nutrients.

24. (new) The method according to claim 20, for increasing the length of villi in intestinal, proximal and medium jejunum.

25. (new) The method according to claim 20, for increasing the thickness of brush border, constituted of microvilli at enterocytes luminal apex.

26. (new) The method according to claim 20, for increasing the thickness of mucous tunica, both on a proximal and medium jejunum level.

27. (new) The method according to claim 20, for incorporating said Pediocin A or Pediocin A analogous molecules into the mucous layer which covers the intestinal structures.

28. (new) The method according to claim 20, for the prevention and prophylaxis of *Clostridium perfringens* infections.